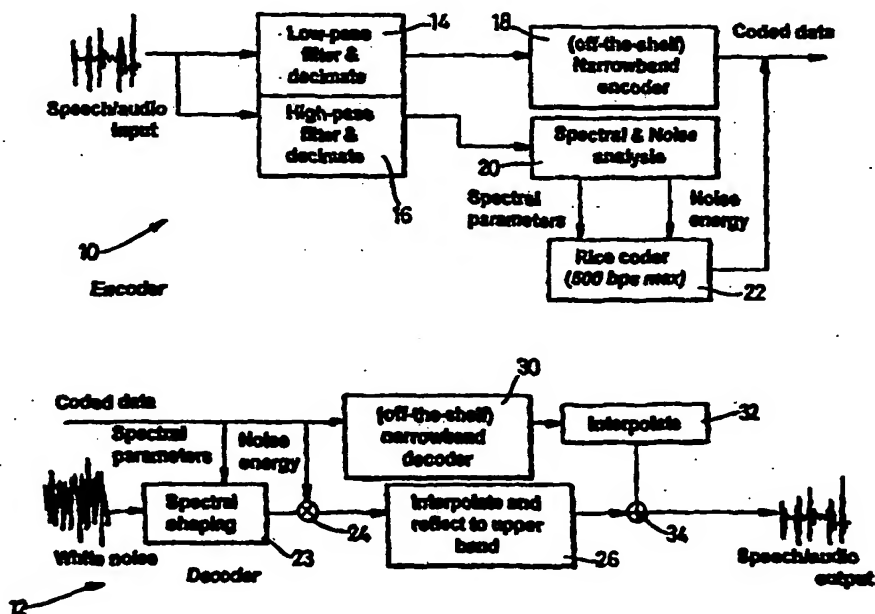




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(54) Title: AUDIO CODING SYSTEMS AND METHODS



(57) Abstract

An audio signal is decomposed into lower and upper sub-band and at least the noise component of the upper sub-band is encoded. At the decoder the audio signal is synthesised by a decoding means which utilises a synthesised noise excitation signal and a filter to reproduce the noise component in the upper sub-band.